

# THE ASTROPHYSICAL JOURNAL LETTERS

## CONTENTS OF VOLUME 361, PART 2

1990 SEPTEMBER 20, Number 1

	Page	Fiche
TEST FOR THE COSMOLOGICAL CONSTANT WITH THE NUMBER COUNT OF FAINT GALAXIES <i>M. Fukugita, F. Takahara, K. Yamashita, and Y. Yoshii</i>	L1	161-C7
BLOWOUT OF SUPERBUBBLE IN GALACTIC MAGNETIC FIELD ..... <i>Kohji Tomisaka</i>	L5	161-C12
CHROMOSPHERES OF TWO RED GIANTS IN NGC 6752 <i>A. K. Dupree, G. M. Harper, L. Hartmann, Carole Jordan, A. W. Rodgers, and Graeme H. Smith</i>	L9	161-D4
DETECTION OF FIVE $^{13}\text{C}$ ISOTOPIC SPECIES OF $\text{HC}_3\text{N}$ IN TMC-1 <i>Shuro Takano, Hiroko Suzuki, Masatoshi Ohishi, Shin-ichi Ishikawa, Norio Kaifu, Yasuhiro Hirahara, and Akimasa Masuda</i>	L15	161-D11
STRUCTURAL DETAILS OF THE ORION NEBULA: DETECTION OF A NETWORK OF STRINGLIKE IONIZED FEATURES <i>F. Yusef-Zadeh</i>	L19	161-E1
LOW-MASS HELIUM STAR MODELS FOR TYPE Ib SUPERNOVAE: LIGHT CURVES, MIXING, AND NUCLEOSYNTHESIS <i>Toshikazu Shigeyama, Ken'ichi Nomoto, Takuji Tsujimoto, and Masa-aki Hashimoto</i>	L23	161-F1
A STATISTICAL MODEL FOR THE SCATTERING BY IRREGULAR PARTICLES ..... <i>Pierre Drossart</i>	L29	161-F8
TURBULENT SUPERSONIC CONVECTION IN THREE DIMENSIONS <i>Andrea Malagoli, Fausto Cattaneo, and Nicholas H. Brummell</i>	L33	161-G1
INSTRUCTIONS TO AUTHORS OF LETTERS .....		Inside Back Cover

1990 OCTOBER 1, Number 2

	Page	Fiche
LARGE-SCALE ANISOTROPY IN THE EXTRAGALACTIC GAMMA-RAY BACKGROUND AS A PROBE FOR COSMOLOGICAL ANTIMATTER ..... <i>Yi-Tian Gao, Floyd W. Stecker, Marcelo Gleiser, and David B. Cline</i>	L37	168-B1
POLARIZATION OF THE JET OF PKS 0521-36 ..... <i>W. B. Sparks, G. K. Miley, and F. Macchetto</i>	L41	168-B6
DETECTION OF $^{13}\text{CO } J = 3 \rightarrow 2$ IN IC 342: WARM, CLUMPY MOLECULAR GAS ..... <i>W. F. Wall and D. T. Jaffe</i>	L45	168-C1
DIFFUSIVE SHOCK ACCELERATION IN THE LOBES OF THE SERPENS TRIPLE RADIO SOURCE <i>André R. Crusius-Wätzell</i>	L49	168-C6
MODIFICATIONS TO THE RELATIONSHIP BETWEEN THE MAGNETIC FIELD AND WEAK ZEEMAN FEATURES IN THE SPECTRA OF ASTROPHYSICAL MASERS ..... <i>Gerald E. Nedoluha and William D. Watson</i>	L53	168-C11
THE MAGNETIC GEOMETRY AND RADIO BEAM OF PSR 1929+10 ..... <i>J. A. Phillips</i>	L57	168-D2
OBSERVATIONS OF THE ECLIPSING BINARY PULSAR IN TERZAN 5 <i>D. J. Nice, S. E. Thorsett, J. H. Taylor, and A. S. Fruchter</i>	L61	168-D7
IS THE DA WHITE DWARF 1910+047 A SOFT X-RAY SOURCE? ..... <i>Stéphane Vennes</i>	L65	168-D12
ON THE OCCURRENCE OF ENHANCED LITHIUM IN MAGELLANIC CLOUD RED GIANTS <i>Verne V. Smith and David L. Lambert</i>	L69	168-E3
DISCOVERY OF VARIABLE INFRARED POLARIZATION IN THE STAR-FORMING REGION W33 ..... <i>Paul A. Heckert</i>	L73	168-E8

	<i>Page</i>	<i>Fiche</i>
A WAVELIKE ORIGIN FOR CLUMPY STRUCTURE AND BROAD LINE WINGS IN MOLECULAR CLOUDS <i>Bruce G. Elmegreen</i>	L77	168-F1
CIRCULAR POLARIZATION OF THE Ca II H AND K LINES IN SOLAR QUIET AND ACTIVE REGIONS <i>V. Martínez Pillet, R. J. García López, J. C. del Toro Iniesta, R. Reboló, M. Vázquez, J. E. Beckman, and S. Char</i>	L81	168-F6
INDEX TO VOLUME 361, PARTS 1 AND 2 .....	i	162-B1
INSTRUCTIONS TO AUTHORS OF <i>LETTERS</i> .....		<i>Inside Back Cover</i>

